

Converting Colors

XYZ(54.0051, 57.2125, 63.4818)

Have a look what the booklet for
XYZ(54.0051, 57.2125, 63.4818)
contains.

XYZ(53.9618, 57.2614, 63.4668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9618, 57.2614,
63.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C8C9
RGB	196, 200, 201
RGB Percent	77%, 78%, 79%
CMY	0.2314, 0.2157, 0.2118
CMYK	0.02, 0.00, 0.00, 0.21
HSL	192°, 4%, 78%
HSV	192°, 2%, 79%
XYZ	53.9618, 57.2614, 63.4668
YIQ	198.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

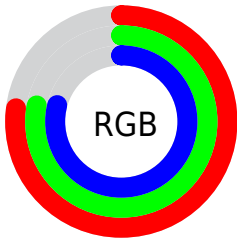
Format	Color
R_{YB}	196, 198, 201
Decimal	12896457
CIE _{Lab}	80.33, -1.18, -0.99
CIE _{LCh}	80, 1.540, 219.883
Yxy	57.2614, 0.3089, 0.3278
Android (android.graphics.Color)	4291086537 (0xFFC4C8C9)
YUV	198.9180, 1.0264, -2.5591
Hunter-Lab	75.6713, -5.1349, 3.2423

Details

The XYZ color **53.9618, 57.2614, 63.4668** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0174, 56.3347, 60.2519**, and the grayscale version is **54.2325, 57.0568, 62.1348**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **26.7007, 28.4151, 31.6812** is the 20% darker color. If you saturate the color by 10%, you get **48.1646, 52.9152, 62.9343**, and if you desaturate by 10%, it is **60.4870, 62.0222, 64.0427**.

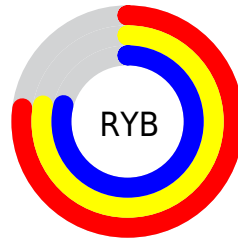
Distribution



Red (77%)

Green (78%)

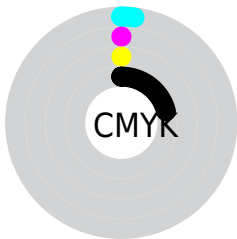
Blue (79%)



Red (77%)

Yellow (78%)

Blue (79%)

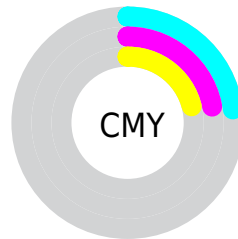


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (23%)

Magenta (22%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9618, 57.2614, 63.4668 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.9618, 57.2614, 63.4668 by changing the saturation by 10% instead.

■ 53.9618, 57.2614,
63.4668

■ 53.9618, 57.2614,
63.4668

392.1651,
414.4281, 455.4161

■ 38.8017, 41.2151,
45.7755

95.1754, 100.8465,
111.4348

■ 26.7855, 28.4872,
31.7213

121.9595,
129.1541, 142.5485

■ 17.5479, 18.6933,
20.8857

153.3491,
162.3177, 178.9735

■ 10.7236, 11.4489,
12.8500

189.7094,
200.7216, 221.1283

■ 5.9472, 6.3696,
7.1959

231.4058,
244.7502, 269.4314

■ 2.8534, 3.0711,
3.5046

278.8036,

■ 1.0767, 1.1690,

294.7878, 324.3014

1.3577

332.2682,
351.2190, 386.1568

■ 0.0055, 0.0361,
0.1084

■ 0.0000, 0.0000,
0.0000

■ 53.9618, 57.2614,
63.4668

■ 53.9618, 57.2614,
63.4668

■ 48.1646, 52.9152,
62.9343

■ 60.4870, 62.0222,
64.0427

■ 43.0628, 48.9616,
62.4401

■ 67.7616, 67.2042,
64.6595

■ 38.6282, 45.3875,
61.9840

■ 75.3318, 72.5751,
65.2972

■ 34.8290, 42.1763,
61.5644

■ 76.3458, 74.6031,
65.6352

■ 31.6307, 39.3098,
61.1796

■ 77.3848, 76.6811,
65.9815

■ 28.9954, 36.7683,
60.8280

■ 78.4490, 78.8095,
66.3363

■ 26.8807, 34.5295,
60.5073

■ 79.5385, 80.9886,
66.6994

■ 25.2378, 32.5681,
60.2153

■ 80.6537, 83.2189,
67.0711

■ 24.0085, 30.8538,
59.9492

■ 81.7945, 85.5005,
67.4514

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.8307, 57.2614, 62.6461



53.9618, 57.2614, 63.4668



54.2172, 57.2614, 63.9909

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9618, 57.2614, 63.4668



54.9959, 57.2614, 62.9464



54.3214, 57.2614, 60.6546

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.9618, 57.2614, 63.4668



54.0174, 56.3347, 60.2519

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.6338, 57.2614, 60.7333



53.9618, 57.2614, 63.4668



55.0241, 57.2614, 62.0507

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9618, 57.2614, 63.4668



54.8145, 57.2614, 63.6885



54.8913, 57.2614, 61.2423



54.0378, 57.2614, 61.0263

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9618, 57.2614, 63.4668



54.4240, 57.2614, 64.0986



54.8913, 57.2614, 61.2423



54.4265, 57.2614, 60.6294

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.9634, 57.2638, 63.4681



93.9561, 99.1958, 108.8024



53.7208, 57.5373, 61.0484



20.1220, 21.2405, 23.2892



0.0000, 0.0000, 0.0000



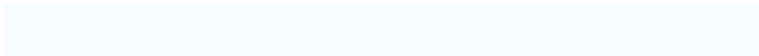
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9634, 57.2638, 63.4681



91.8069, 97.6090, 108.6094



53.4073, 56.1515, 63.2827



11.4716, 12.2266, 13.6728



14.7017, 18.7973, 37.5977



0.7431, 0.9841, 1.7959

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.2538, 56.0684, 62.6094



92.4134, 95.1180, 106.8150



54.5714, 57.4427, 60.4365



11.5655, 11.8421, 13.3948



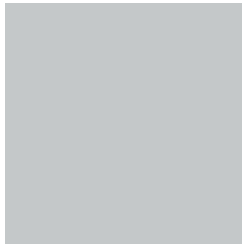
19.2201, 9.4376, 22.1665



0.9338, 0.4564, 1.1746

Previews

White Background



This preview shows how the XYZ color 53.9618, 57.2614, 63.4668 looks on a white background.

Color Contrast Check

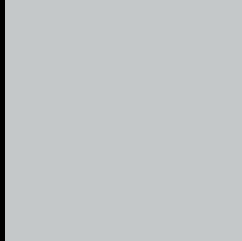
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.9618, 57.2614, 63.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

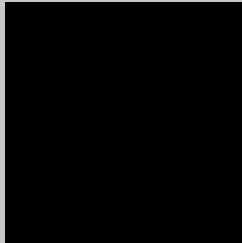
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

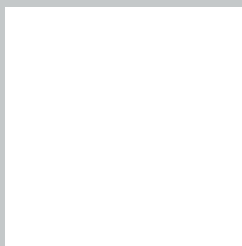
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9618, 57.2614, 63.4668

Background



This preview shows how black text looks on a background with the XYZ color 53.9618, 57.2614, 63.4668.

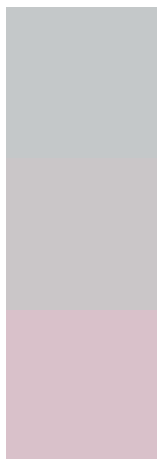


This preview shows how white text looks on a background with the XYZ color 53.9618, 57.2614,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.9618, 57.2614, 63.4668

Protanopia

54.9765, 57.1149, 62.7703

Deuteranopia

58.3459, 57.1559, 63.8341



Tritanopia

55.6204, 57.2490, 71.7370

Trichromacy



Original Color

53.9618, 57.2614, 63.4668

Protanomaly

54.6682, 57.2963, 62.8216

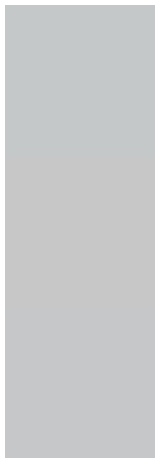
Deuteranomaly

56.6951, 57.2994, 63.9489

Tritanomaly

54.9580, 57.3206, 68.4890

Monochromacy



Original Color

53.9618, 57.2614, 63.4668

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1375, 57.0227, 62.7967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9618, 57.2614, 63.4668 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(196, 200, 201) looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.9618, 57.2614, 63.4668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 200, 201) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 200, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9618, 57.2614, 63.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
200, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor